

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	46	((inter\$1symbol adj interference) or ISI) with (measur\$5 or calculat\$3)).with minimiz\$3	US-PGPUB; USPAT	OR	ON	2007/07/19 08:19
L2	1	"6097763" .pn.	US-PGPUB; USPAT	OR	ON	2007/07/19 07:35
L3	29	1 and (square or MSE or MMSE)	US-PGPUB; USPAT	OR	ON	2007/07/19 10:37
L4	25	(second near4 delay) same (MMSE or MSE or (mean adj square adj error))	US-PGPUB; USPAT	OR	ON	2007/07/19 10:42
L5	4	((next or subsequent) near4 delay) same (MMSE or MSE or (mean adj square adj error))	US-PGPUB; USPAT	OR	ON	2007/07/19 11:03
L6	64	(estimat\$3 with delay) same (best adj fit)	US-PGPUB; USPAT	OR	ON	2007/07/19 11:03
S1	1	"20050190871".pn.	US-PGPUB; USPAT	OR	ON	2007/03/23 08:02
S2	18	sedarat.in.	US-PGPUB; USPAT	OR	ON	2007/03/23 08:34
S3	2	S2 and (equalizer).clm.	US-PGPUB; USPAT	OR	ON	2007/03/23 08:08
S4	1	"5285474".pn.	US-PGPUB; USPAT	OR	ON	2007/03/23 09:23
S5	108	((time adj domain adj equalizer\$1) or TEQ) and (impulse adj response) and (mean adj square) and ((inter\$1symbol adj intereference) or "ISI")	US-PGPUB; USPAT	OR	ON	2007/03/23 09:38
S6	774	375/229.ccls. or 275/350.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/23 09:26
S7	16	S5 and S6	US-PGPUB; USPAT	OR	ON	2007/03/23 09:33
S8	8	S7 and guard	US-PGPUB; USPAT	OR	ON	2007/03/23 09:33
S9	27	((time adj domain adj equalizer\$1) or TEQ) and (impulse adj response) and ((minimum adj mean adj square) or "MMSE") and ((inter\$1symbol adj intereference) or "ISI") and (guard or cyclic\$1prefix)	US-PGPUB; USPAT	OR	ON	2007/03/23 09:39

## EAST Search History

S10	15	((time adj domain adj equalizer\$1) or TEQ) and ((minimum adj mean adj square) or "MMSE") and ((inter\$1symbol adj interference) or "ISI") and ((guard or cyclic\$1prefix) same (impulse adj response))	US-PGPUB; USPAT	OR	ON	2007/03/23 11:11
S11	0	(clock adj offset adj signal) and (((fast adj fourier) or FFT) adj interpolat\$3)	US-PGPUB; USPAT	OR	ON	2007/03/23 11:16
S12	37	((fast adj fourier) or FFT) adj interpolat\$3)	US-PGPUB; USPAT	OR	ON	2007/03/23 11:12
S13	9	S12 and clock	US-PGPUB; USPAT	OR	ON	2007/03/23 11:13
S14	2	(clock adj offset) and (trigonometric adj interpolat\$3)	US-PGPUB; USPAT	OR	ON	2007/03/23 11:15
S15	3	(clock adj offset) same interpolator same (first same second)	US-PGPUB; USPAT	OR	ON	2007/03/23 11:15
S16	2	(clock adj offset adj signal) same ((fast adj fourier) or FFT)	US-PGPUB; USPAT	OR	ON	2007/03/23 11:16
S17	17	(clock adj offset) same ((fast adj fourier) or FFT)	US-PGPUB; USPAT	OR	ON	2007/03/23 11:16
S18	6	(US-20030227967-\$ or US-20030112860-\$ or US-20020163959-\$ or US-20040141548-\$ or US-20030118177-\$).did. or (US-5285474-\$).did.	US-PGPUB; USPAT	OR	ON	2007/03/23 14:42
S19	5	S18 and delay	US-PGPUB; USPAT	OR	ON	2007/03/23 14:42
S20	774	375/229.ccls. or 275/350.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/26 07:37
S21	58	S20 and delay and ((minimum adj mean adj square) or MMSE)	US-PGPUB; USPAT	OR	ON	2007/03/26 08:13
S22	8	S21 and ("TEQ" or (time\$1domain adj equal\$1er))	US-PGPUB; USPAT	OR	ON	2007/03/26 08:14
S23	1	"6956893".pn.	US-PGPUB; USPAT	OR	ON	2007/03/26 10:09
S24	482	linear same delay same (frequency adj response)	US-PGPUB; USPAT	OR	ON	2007/03/26 10:23
S25	2	(linear near fit) same delay same (frequency adj response)	US-PGPUB; USPAT	OR	ON	2007/03/26 10:10
S26	11	S20 and S24	US-PGPUB; USPAT	OR	ON	2007/03/26 11:02
S27	1	(best adj linear adj fit) same delay same (frequency adj response)	US-PGPUB; USPAT	OR	ON	2007/03/26 10:24

## EAST Search History

S28	1	(best adj fit) same delay same (frequency adj response)	US-PGPUB; USPAT	OR	ON	2007/03/26 10:24
S29	50	(second near delay) and S20	US-PGPUB; USPAT	OR	ON	2007/03/26 11:03
S30	11	S29 and (MMSE or (mean adj square))	US-PGPUB; USPAT	OR	ON	2007/03/26 11:20
S31	58	(second or another or next or subsequent) near (MMSE or (mean adj square))	US-PGPUB; USPAT	OR	ON	2007/03/26 11:22
S32	1	S31 same delay	US-PGPUB; USPAT	OR	ON	2007/03/26 11:21
S33	18	calculate same (MMSE or (mean adj square adj error)) same delay	US-PGPUB; USPAT	OR	ON	2007/03/26 12:45
S34	7	((lowest or least or smallest) near (inter\$1symbol or "ISI")) same delay	US-PGPUB; USPAT	OR	ON	2007/03/27 09:06
S35	16	((low or small) near (inter\$1symbol or "ISI")) same delay	US-PGPUB; USPAT	OR	ON	2007/03/27 09:06
S36	774	375/229.ccls. or 275/350.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/27 09:24
S37	26	S36 and auto\$1correlation and cross\$1correlation	US-PGPUB; USPAT	OR	ON	2007/03/27 09:25
S38	82	((common or shar\$3) with oscillator) same (transmit\$4 or branch\$2)) and OFDM	US-PGPUB; USPAT	OR	ON	2007/07/18 15:19
S39	4	((inter\$1symbol adj interference) or ISI) with measur\$5) same (MMSE or (mean adj square adj error))	US-PGPUB; USPAT	OR	ON	2007/07/18 15:28
S40	325	((inter\$1symbol adj interference) or ISI) same (MMSE or (mean adj square adj error))	US-PGPUB; USPAT	OR	ON	2007/07/18 15:21
S41	67	S40 and (375/229.ccls. or 375/350.ccls.)	US-PGPUB; USPAT	OR	ON	2007/07/18 15:22
S42	14	((inter\$1symbol adj interference) or ISI) with (measur\$5 or calculat\$3)) same (MMSE or (mean adj square adj error))	US-PGPUB; USPAT	OR	ON	2007/07/19 07:28